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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/522,237	KOBAYACHI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Nguyen T. Ha	2831	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/25/2005 & 1/25/2006.
2. ☒ The allowed claim(s) is/are 9-27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

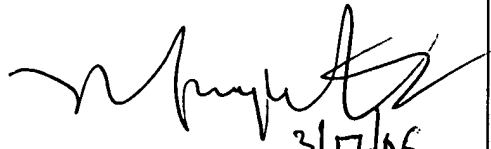
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) .   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date <u>0105 &amp; 0605</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment .                  |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                                      | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance . |
|   | 9. <input type="checkbox"/> Other _____.   |

  
3/17/06

## DETAILED ACTION

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

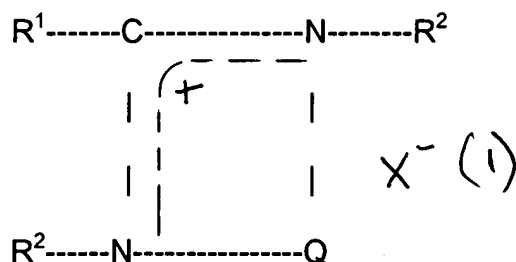
The second "claim 26" should be - - claim 27- -.

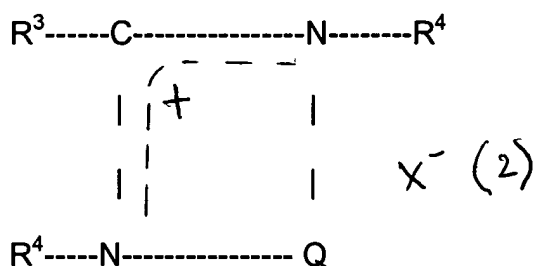
### *Allowable Subject Matter*

2. Claims 9-27 are allowed.

The following is an examiner's statement of reasons for allowance:

With respect to claim 9, the prior art alone or in combination does not teach the limitation of an electrolyte for an electrochemical capacitor comprising a cyclic amidinium salt (B) represented by the general formula (1), wherein the total amount of a cyclic amidinium salt derivative (A) represent by the general formula (2) is not larger than 10 mole% relative to the sum of (A) and (B).





In the formulas, R<sup>1</sup> and R<sup>3</sup> represent a hydrogen atom or a hydrocarbon group containing 1 to 20 carbon atoms, R<sup>2</sup> and R<sup>4</sup> represent a hydrocarbon group containing 1 to 10 carbon atoms, Q represents an alkaline, arylene or alkenylene group containing 2 to 10 carbon atoms, which may optionally have a hydrocarbon group containing 1 to 5 carbon atoms, and X<sup>-</sup> represents a counter anion, and each Y represents a carboxyl group or an -OCO<sub>2</sub>H.

Claims 10-26 depend on claim 9, they are allowed for the same reason.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### Citation Relevant of Prior Art

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Sugiyama et al. (US 6,493,211) disclose electrolyte for electrolytic capacitor having high conductivity.

- b. Nakada et al. (US 6,452,784) disclose aluminum electrolytic capacitor and method for producing the same.
- c. Maruyama et al. (US 6,307,733) disclose aluminum electrolytic capacitor.
- d. Tamamitsu (US 6,166,899) discloses electrolyte for electrolytic capacitor comprising a first electrolyte with includes a mixed solvent.
- e. Mori et al. (US 4,892,944) disclose process for producing quaternary salts.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nguyen T. Ha whose telephone number is 571-272-1974. The examiner can normally be reached on Monday-Friday from 8:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-2800 ext. 31. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Nguyen T. Ha', with a long horizontal stroke extending to the right.

**Nguyen T. Ha**  
**March 17, 2006**